

# IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet Task Force

Unapproved Meeting Minutes, prepared by John D'Ambrosia, Mark Nowell, Gary Nicholl, and Kent Lusted

9-10, 14-16 July 2025 Electronic Meetings

July 2025 Session - July 23 Electronic Meeting & July 2025 Plenary

## 9 July 2025

9-10, 14-16 July 2025 Electronic Meetings

Location: Electronic Teleconference Meeting IEEE P802.3dj Task Force Meeting Page -

[https://www.ieee802.org/3/dj/public/25\\_07/index.html](https://www.ieee802.org/3/dj/public/25_07/index.html)

Session called to order at 9:00 a.m. Central Daylight Time (CDT) by John D'Ambrosia, Chair of the P802.3dj Task Force.

Chair reminded participants to declare their name and affiliation in the online meeting tool. Failure to declare would result in expulsion from the meeting.

Chair reminded participants that participation in the July 2025 electronic meetings does not require registration or payment of registration fee. The meeting will not count towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1)

### Agenda:

Title	<b>Agenda and General Information</b>
Presenters	John D'Ambrosia
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/agenda_3dj_01a_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/agenda_3dj_01a_2507.pdf</a>

Chair welcomed everyone to the meeting.

Chair reminded participants to sign into IMAT for Task Force attendance.

Chair reviewed the agenda (Slide #3). Chair noted that individuals should check the webpage for the latest version of each presentation. Chair noted that all of the presentation times were subject to change.

Chair asked if there were any objections to the agenda. There were objections.

<b>Motion #1:</b>	Move to approve the agenda per slide 3 of agenda_3dj_01_2507.pdf
<b>Technical (&gt;= 75%)</b>	
<b>Moved by</b>	Mark Nowell
<b>Second by</b>	Adee Ran
<b>Results 802.3 (y/n/a)</b>	Y: 38 N: 3 A: 7 Motion passes. 9:18 am.

Recorded votes for motion #1:

<b>Attendee</b>	<b>Vote</b>
Adam Healey	Yes
Adee Ran	Yes
Ahmed El-Chayeb	Yes
Alexander Rysin	No
Andras De Koos	Yes
Angela Lambert	Yes
Arthur Marris	Yes
Atul Salvekar	Yes
Cathy Liu	Yes
David Ofelt	Yes
Elizabeth Kochuparambil	Abstain
Eric Kimber	Yes
Ernest Muhigana	Yes
Eugene Opsasnick	Yes
Gary Landry	Abstain
Gary Nicholl	Yes
Hideki Isono	Yes
Hossein Shakiba	Yes
Howard Heck	Yes
Ian Cox	Yes
James Theodoras	Yes
James Weaver	Yes
Jeff Slavick	Yes
John Calvin	Abstain
John Johnson	Yes
Karlheinz Muth	Yes

Attendee	Vote
Leon Bruckman	Abstain
Mark Nowell	Yes
Massimo Sorbara	Abstain
Matthew Brown	Yes
Michael Dudek	Yes
Nathan Tracy	Yes
Norman Swenson	Yes
Peter Stassar	Yes
Piers J G Dawe	No
Richard Mellitz	Yes
Rick Rabinovich	Yes
Sam Kocsis	Yes
Scott Sommers	Yes
Shawn Nicholl	Yes
Shimon Muller	Abstain
Steve Sekel	Yes
Thomas Huber	Yes
Tom Issenhuth	Yes
Toshiaki Sakai	Yes
Viet Tran	Yes
William Simms	No
Yasuo Hidaka	Abstain

Chair noted that there were several Task Force and ad hoc meeting minutes to approve (see slide #4)

- IEEE P802.3dj TF –
  - – May 2025 Interim - [https://www.ieee802.org/3/dj/public/25\\_05/minutes\\_3dj\\_2505\\_unapproved.pdf](https://www.ieee802.org/3/dj/public/25_05/minutes_3dj_2505_unapproved.pdf)
- Joint Optical / Logic / Electrical Ad hoc
  - – 5 June 2025: [https://www.ieee802.org/3/dj/public/adhoc/electrical/25\\_0605/minutes\\_3dj\\_optx\\_logic\\_elec\\_250605\\_unapproved.pdf](https://www.ieee802.org/3/dj/public/adhoc/electrical/25_0605/minutes_3dj_optx_logic_elec_250605_unapproved.pdf)

- – 26 June 2025:  
[https://www.ieee802.org/3/dj/public/adhoc/optics/0625\\_OPTX/3dj\\_optx\\_logic\\_elec\\_250626\\_unapproved.pdf](https://www.ieee802.org/3/dj/public/adhoc/optics/0625_OPTX/3dj_optx_logic_elec_250626_unapproved.pdf)

Chair asked if there were any corrections or modifications to the posted minutes beyond the changes noted by the recording secretary. No one responded. Chair asked if there were any objections to approving the minutes with the noted changes. There were none, and the minutes were considered approved by unanimous consent.

Chair reviewed meeting decorum. (See Slide #5-6) Chair asked if there were any members of the press present. No one responded.

Chair reviewed the goals for the session (see slide #7).

Chair announced the formation of a new ILT ad hoc. (see slide #8)

Chair reviewed the Task Force Project Information / Organization for the P802.3dj Task Forces. (See Slides #10).

Chair reviewed attendance. (See Slide #11) Chair noted that Task Force meeting attendance would be through the IEEE Meeting Attendance (IMAT).

Chair reviewed ground rules. (See Slide #12)

Chair reviewed voting in the task force. (see slide #14) Chair noted that the straw polls would use the online meeting tool. Motions would be taken with the Direct Vote Live tool if there was not unanimous consent. Chair noted that he reserved the right to take informative straw polls by 802.3 WG voting membership.

Chair reviewed the update membership and attendance recording requirements (see slide #15-16).

Chair noted that he would be reporting individuals signing into IMAT that did not meet the eligibility requirements.

Slide #17 - Chair noted that the information regarding the IEEE SA Policies had been sent out via the Task Force reflector , and requested that individuals review the following IEEE SA policies prior to the interim meeting –

- IEEE SA Patent policy
- IEEE SA Copyright Policy
- IEEE SA Participation Policy and IEEE Code of Ethics

Chair asked if anyone needed to review the policies at that time – there were no requests to do so from in-person nor remote attendees.

Chair presented the third slide (See Slide #33) of the IEEE SA Patent Policy slides. Chair did call for Potentially Essential Patents, and no one came forward.

Chair presented the second slide (See Slide #38) of the IEEE SA Copyright Policy slides. Chair noted – “By participating in this activity, you agree to comply with the IEEE Code of Ethics, all applicable laws, and all IEEE policies and procedures including, but not limited to, the IEEE SA Copyright Policy.”

Chair reminded participants of the IEEE Code of Ethics and Conduct. (See slide #41) He noted “All participants in IEEE-SA activities are expected to adhere to the core principles underlying the IEEE Code of Ethics and IEEE Code of Conduct”.

Chair presented the second slide (See Slide #42) of the IEEE SA Participation Policy slides. Chair noted – “Participants in the IEEE-SA “individual process” shall act independently of others, including employers. By participating in standards activities using the “individual process”, you are deemed to accept these requirements; if you are unable to satisfy these requirements then you shall immediately cease any participation.”

Chair reviewed the liaison responses and liaisons for consideration by the Task Force at the meeting. (see Agenda slide #18)

Chair noted that he received a liaison from ITU-T SG15 on TQM and B400G. He noted that Tom Huber indicated that the next ITU-T is after the Plenary.

Chair reminded participants that all contributions must be submitted with the PDF document properties properly completed. If the properties are not correct, the contribution would be returned.

#### **Chief Editor Report:**

Title	<b>Editor's Report</b>
Presenters	Matt Brown
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/brown_3dj_01a_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/brown_3dj_01a_2507.pdf</a>

Author noted an error on slide 4 with a label and would provide an updated version '01a'.

Questions were asked and answered.

#### **Comment Agenda:**

Title	<b>Comment Agenda</b>
Presenters	Matt Brown
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/brown_3dj_02f_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/brown_3dj_02f_2507.pdf</a>

Questions were asked and answered.

Chair reminded participants to sign into IMAT to record their attendance in the meeting.

Chair reminded participants that presentations for the Task Force electronic meeting were due.

At 10:09 a.m. John D'Ambrosia passed the meeting comment resolution responsibility to Kent Lusted.

#### **Break**

Break at 10:53 a.m. Resumed at 11:00 a.m.

Chair reminded participants to sign into IMAT to record their attendance in the meeting.

Guangcan Mi withdrew comment #409.

Chair reminded participants to review the proposed responses in bucket1. The deadline to pull comments from bucket1 was 11 July 2025, 12noon eastern time. (see: <https://www.ieee802.org/3/B400G/email/msg01568.html>)

Chair reminded participants to include the TF Chair and the recording secretary in bucket1 pull requests.

TF Chair reminded participants of the deadline for plenary presentations on 17 July 2025, AOE. (see: <https://www.ieee802.org/3/B400G/email/msg01531.html> )

TF Chair reminded participants to review proposed liaisons to transfer D2.1.

Meeting recessed for the day at 12:01 p.m. eastern time.

## 10 July 2025 – Task Force Session

9-10, 14-16 July 2025 Electronic Meetings

Location: Electronic Teleconference Meeting

Meeting reconvened at 9:00 a.m. Central Daylight Time (CDT) by John D'Ambrosia, Chair of the P802.3dj Task Force.

Chair reminded participants to declare their name and affiliation in the online meeting tool. Failure to declare would result in expulsion from the meeting.

Chair reminded participants to sign into IMAT to record attendance.

Chair reminded participants that no recording or transcription of the call is allowed, including the use of notetaking AI agents.

Chair reminded participants to review the proposed responses in bucket1. The deadline to pull comments from bucket1 was 11 July 2025, 12noon eastern time. (see: <https://www.ieee802.org/3/B400G/email/msg01568.html>)

At 9:05 a.m. John D'Ambrosia passed the meeting comment resolution responsibility to Kent Lusted.

### Comment Agenda:

Title	Comment Agenda
Presenters	Matt Brown
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/brown_3dj_02f_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/brown_3dj_02f_2507.pdf</a>

Questions were asked and answered.

During the discussion of comment #220 on the topic of “ILT”, Kent Lusted asked John D'Ambrosia to discuss

Chair reminded participants to sign into IMAT to record their attendance in the meeting.

### Straw Poll #TF-1

Type: Directional

(See comment #421)

### Break

Break at 11:08 a.m. Resumed at 11:15 a.m.

### Straw Poll #TF-2

Type: Direction

(see comment #111)

Chair noted that a “closed as of 10 July” comment report would be published on the website.

Chair reminded participants to review the proposed responses in bucket1. The deadline to pull comments from bucket1 was 11 July 2025, 12noon eastern time. (see: <https://www.ieee802.org/3/B400G/email/msg01568.html>) There was a request to send the list of bucket1 comments already pulled to date to the email reflector.

Chair reminded participants to include the TF Chair and the recording secretary in bucket1 pull requests.

TF Chair reminded participants of the deadline for plenary presentations on 17 July 2025, AOE. (see: <https://www.ieee802.org/3/B400G/email/msg01531.html> )

TF Chair reminded participants to review the proposed liaison to transfer D2.1.

John D'Ambrosia reminded participants to send topics for the ILT ad hoc to him for consolidation and consideration.

Meeting recessed for the day at 1:03 p.m. eastern time.

## 14 July 2025 – Task Force Session

9-10, 14-16 July 2025 Electronic Meetings

Location: Electronic Teleconference Meeting

Meeting reconvened at 9:00 a.m. Central Daylight Time (CDT) by John D'Ambrosia, Chair of the P802.3dj Task Force.

Chair reminded participants to declare their name and affiliation in the online meeting tool. Failure to declare would result in expulsion from the meeting.

Chair reminded participants that recording of the proceedings by any participant, including the use of software or AI agents, is prohibited.

### Bucket1 Pull Summary

Kent Lusted noted that he sent a summary of the requests to pull comments from the P802.3dj D2.0 bucket1 received before the deadline. (see <https://www.ieee802.org/3/B400G/email/msg01574.html>) John D'Ambrosia provided the list of bucket1 pull requests to participants. He asked participants if there were any additional bucket1 pull requests. No one responded.

Chair noted that motions would be taken with the Direct Vote Live tool if there was not unanimous consent. Chair asked if there would be opposition to attempt the vote by unanimous consent. No one responded.

<b>Motion #2</b>	Move to: <ul style="list-style-type: none"><li>Adopt the proposed responses for P802.3dj D2.0 comment resolution in 'bucket1' <a href="https://www.ieee802.org/3/dj/comments/D2p0/8023dj_D2p0_comments_proposed_clause_bucket1.pdf">https://www.ieee802.org/3/dj/comments/D2p0/8023dj_D2p0_comments_proposed_clause_bucket1.pdf</a></li></ul> except comments # 9, 48, 54, 55, 57, 58, 69, 72, 75, 76, 77, 79, 88, 96, 104, 105, 119, 129, 141, 162, 179, 200, 227, 296, 298, 301, 321, 325, 329, 330, 348, 363, 364, 366, 367, 369, 378, 380, 407, 505, 511, 523, 569, 582, 590, 643, 646, 647, 648, 649, 656, 671, 673, 679, 682, 683, 684, 686, 689, 690, 692, 694, 695, 696, 699, 701, 702, 703, 704, 707, 708, 709, 710, 712, 713, 714, 715, 717, 718, 719, 729, 731, 734, 738, 739, 741, 742, 743
<b>Technical (&gt;= 75%)</b>	
<b>Moved by</b>	Matt Brown
<b>Second by</b>	Mark Nowell
<b>Results 802.3 (y/n/a)</b>	Passed by unanimous consent. 9:07 a.m.

Chair reviewed the status of the proposed liaison communication from P802.3dj to the UEC, UALink, ITU-T, OIF, INCITS to send D2.1. (see: [https://www.ieee802.org/3/dj/public/25\\_07/dambrosia\\_3dj\\_01\\_2507\\_Redacted.pdf](https://www.ieee802.org/3/dj/public/25_07/dambrosia_3dj_01_2507_Redacted.pdf)) He asked if there was any feedback or suggested changes to the proposed liaison. No one responded. Chair asked if there was objection to sending the liaison. No one responded.

Chair noted that going forward he would use this liaison as a template for future liaisons that were transferring future draft of IEEE P802.3dj and take them straight to the WG as an individual for approval. He also noted that if any other issues needed to be communicated to one of these groups, a separate liaison would be sent.

### Comment Agenda:

Title	<b>Comment Agenda</b>
Presenters	Matt Brown
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/brown_3dj_02f_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/brown_3dj_02f_2507.pdf</a>



At 9:25 a.m. John D'Ambrosia passed the meeting comment resolution responsibility to Kent Lusted.

**Presentation #TF-1:**

Title	<b>ILT local pattern specification</b>
Presenters	Adee Ran
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/ran_3dj_02_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/ran_3dj_02_2507.pdf</a>

Questions were asked and answered.

Chief Editor noted that the response to closed comment #415 to point back to comment #416. He asked if there was objection to reopening comment #415 to do it. No one responded. Comment #415 was opened, revised, and closed.

**Break**

Break at 10:56 a.m. Resumed at 11:05 a.m.

Chair reminded participants to sign into IMAT to record their attendance in the meeting.

**Presentation #TF-2:**

Title	<b>Training status variable</b>
Presenters	Leon Bruckman
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/bruckman_3dj_01_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/bruckman_3dj_01_2507.pdf</a>

Questions were asked and answered.

Kent Lusted passed the comment resolution chair responsibilities to John D'Ambrosia at 11:57 a.m.

**Presentation #TF-3:**

Title	<b>Adding CR Host Loss Class bits to AN73</b>
Presenters	Kent Lusted
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/lusted_3dj_02_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/lusted_3dj_02_2507.pdf</a>

Questions were asked and answered.

Kent Lusted resumed the comment resolution chair responsibilities at 12:17 p.m.

**Presentation #TF-4:**

Title	<b>ERL and Impedance Terminology</b>
Presenters	Norm Swenson
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/swenson_3dj_01_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/swenson_3dj_01_2507.pdf</a>

Questions were asked and answered.

Chair reminded participants to sign into IMAT to record their attendance in the meeting.

Chair reminded participants of the deadline for plenary presentations on 17 July 2025, AOE. (see: <https://www.ieee802.org/3/B400G/email/msg01531.html> )

Chair reminded participants to send topics for the ILT ad hoc to John D'Ambrosia for consolidation and consideration.

Meeting recessed for the day at 12:59 p.m.

## 15 July 2025 – Task Force Session

9-10, 14-16 July 2025 Electronic Meetings

Location: Electronic Teleconference Meeting

Meeting reconvened at 9:00 a.m. Central Daylight Time (CDT) by John D'Ambrosia, Chair of the P802.3dj Task Force.

Chair reminded participants to declare their name and affiliation in the online meeting tool. Failure to declare would result in expulsion from the meeting.

Chair reminded participants that recording of the proceedings by any participant, including the use of software or AI agents, is prohibited.

At 9:05 a.m. John D'Ambrosia passed the meeting comment resolution responsibility to Kent Lusted.

### Comment Agenda:

Title	<b>Comment Agenda</b>
Presenters	Matt Brown
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/brown_3dj_02f_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/brown_3dj_02f_2507.pdf</a>

### Break

Break at 10:57 a.m. Resumed at 11:05 a.m.

Chair reminded participants to sign into IMAT to record their attendance in the meeting.

Task Force Chair noted that he cancelled the Tuesday and Wednesday invites for the Plenary meeting week (29 July and 30 July). On those days, the Task Force would meet in tracks. See the IEEE 802.3 Call and Meeting calendar for details.

Chief Editor reviewed the plans for Day #5. The topics would be common and electrical.

Meeting recessed for the day at 1:01 p.m. eastern.

## 16 July 2025 – Task Force Session

9-10, 14-16 July 2025 Electronic Meetings

Location: Electronic Teleconference Meeting

Meeting reconvened at 9:00 a.m. Central Daylight Time (CDT) by Mark Nowell, Vice-Chair of the P802.3dj Task Force.

Chair reminded participants to declare their name and affiliation in the online meeting tool. Failure to declare would result in expulsion from the meeting.

Chair reminded participants that recording of the proceedings by any participant, including the use of software or AI agents, is prohibited.

### Comment Agenda:

Title	<b>Comment Agenda</b>
Presenters	Matt Brown
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/brown_3dj_02f_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/brown_3dj_02f_2507.pdf</a>

At 9:15 a.m. John D'Ambrosia passed the meeting comment resolution responsibility to Kent Lusted.

### Presentation #TF-5:

Title	<b>FLR allocation for 800GBASE-ER1/ER1-20</b>
Presenters	Gary Nicholl
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/nicholl_3dj_02_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/nicholl_3dj_02_2507.pdf</a>

Questions were asked and answered.

### Presentation #TF-6:

Title	<b>ILT for Coherent PMDs</b>
Presenters	Guangcan Mi
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/mi_3dj_01a_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/mi_3dj_01a_2507.pdf</a>

Questions were asked and answered.

Chair reminded participants to sign into IMAT to record their attendance in the meeting.

Prior to the start of the presentation, the author noted there were editorial and technical changes (new slide). Chair asked if there was objection to hearing the updated version. No one responded.

### Presentation #TF-7:

Title	<b>ILT support in coherent PHYs</b>
Presenters	Adee Ran
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/ran_3dj_03a_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/ran_3dj_03a_2507.pdf</a>

Questions were asked and answered.

### Break

Break at 11:03 a.m. Resumed at 11:14 a.m.

### Straw Poll #TF-3

Type: direction

(see comment #418)

#### Straw Poll #TF-4

Type: direction

(see comment #418)

#### Presentation #TF-8:

Title	<b>Supporting Materials for 802.3dj D2.0 comment #460</b>
Presenters	Jeff Slavick
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/slavick_3dj_01_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/slavick_3dj_01_2507.pdf</a>

Questions were asked and answered.

Chair reminded participants to sign into IMAT to record their attendance in the meeting.

Chief Editor noted that a new bucket2 comment report would be prepared for consideration by the CRG. He indicated that the report may contain revised responses to bucket1 pulls as well as non-controversial responses to comments referenced by already closed comments. Details would be announced over the email reflector.

Chief Editor noted that an updated comment agenda would be published before the July plenary meeting.

Chair noted that a “closed as of 16 July” comment report would be published on the website.

Meeting recessed for the day at 1:01 p.m.

**23 July 2025 - Task Force Session**

9-10, 14-16 July 2025 Electronic Meetings

Location: Electronic Teleconference Meeting

Meeting reconvened at 10:00 a.m. Central Daylight Time (CDT) by John D'Ambrosia Chair of the P802.3dj Task Force.

Chair notes that the agenda from the "9-10, 14-16 July 2025 Electronic Meetings" had been completed, and that group of meetings should have been adjourned, not recessed.

Chair noted that to remain procedurally clean, that the "9-10, 14-16 July 2025 Electronic Meetings" would now be adjourned, and the chair would call to order the noted "July 2025 Session" which consisted of the July 23 Electronic Meeting & July 2025 Plenary.

The "9-10, 14-16 July 2025 Electronic Meetings" was adjourned at 10:01am.

## 23 July 2025 – Task Force Session

July 2025 Session - July 23 Electronic Meeting & July 2025 Plenary

July 2025 Session

Location: Madrid, Spain

Session called to order at 10:01 a.m. Central Daylight Time (CDT) by John D'Ambrosia, Chair of the P802.3dj Task Force.

Chair reminded participants to declare their name and affiliation in the online meeting tool. Failure to declare would result in expulsion from the meeting.

If participants are not eligible to sign in to IMAT to claim attendance credit, please send an email to the Task Force Chair and Recording Secretary to be recorded in the minutes as an attendee.

Chair noted updates to agenda deck had been made, and 02a would be uploaded after today's meeting (noted below).

### Agenda:

Title	<b>Agenda and General Information</b>
Presenters	John D'Ambrosia
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/agenda_3dj_02a_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/agenda_3dj_02a_2507.pdf</a>

Chair welcomed everyone to the meeting.

Chair reminded participants to sign into IMAT for Task Force attendance.

Chair reviewed the agenda (Slide #3). AChair noted that participants should check the webpage for the latest version of each presentation. Chair noted that all of the presentation times were subject to change.

Chair asked if there were any objections to the agenda. There were none. The agenda was considered approved by unanimous consent.

Chair reviewed the meeting map for the week. (See slide #4) He reviewed the details to find the track meetings' call information. He noted that all of the call information was available on the IEEE Call and Meeting calendar.

Chair reviewed meeting decorum. (See Slide #5-7) Chair asked if there were any members of the press present. No one responded.

Chair reviewed the goals for the session (see slide #8).

Chair announced the formation of the "Annex 178B" ad hoc (slide 9) which has a charter of:

- IEEE P802.3dj Annex 178B and other dependent clauses and annexes, defines an architecture, behaviors, and specifications, collectively referred to as "Inter-Sublayer Training" (ILT). This ad hoc is chartered to foster development of recommendations related to refinement of ILT in terms of architecture, terminology, specifications, behaviors, and related updates to the draft.

A new reflector for the ad hoc would be announced and the Task Force was encouraged to direct any email traffic on this topic to that reflector. John D'Ambrosia will chair this ad hoc.

Chair reviewed the Task Force Project Information / Organization for the P802.3dj Task Forces. (See Slides #11).

Chair reviewed ground rules. (See Slide #13)

Chair reviewed voting in the task force. (see slide #15) Chair noted that the straw polls would use the online meeting tool. Motions would be taken with the Direct Vote Live tool if there was not unanimous consent. Chair noted that he reserved the right to take informative straw polls by 802.3 WG voting membership.

Chair reviewed attendance. (See Slide #16) Chair noted that Task Force meeting attendance would be through the IEEE Meeting Attendance (IMAT).

Chair reviewed the update membership and attendance recording requirements (see slide #16).  
Chair noted that he would be reporting individuals signing into IMAT that did not meet the eligibility requirements.

Slide #18 - Chair noted that the information regarding the IEEE SA Policies had been sent out via the Task Force reflector , and requested that individuals review the following IEEE SA policies prior to the interim meeting –

- IEEE SA Patent policy
- IEEE SA Copyright Policy
- IEEE SA Participation Policy and IEEE Code of Ethics

Chair asked if anyone needed to review the policies at that time – there were no requests to do so from in-person nor remote attendees.

Chair presented the third slide (See Slide #34) of the IEEE SA Patent Policy slides. Chair did call for Potentially Essential Patents, and no one came forward.

Chair presented the second slide (See Slide #39) of the IEEE SA Copyright Policy slides. Chair noted – “By participating in this activity, you agree to comply with the IEEE Code of Ethics, all applicable laws, and all IEEE policies and procedures including, but not limited to, the IEEE SA Copyright Policy.”

Chair reminded participants of the IEEE Code of Ethics and Conduct. (See slide #42) He noted “All participants in IEEE-SA activities are expected to adhere to the core principles underlying the IEEE Code of Ethics and IEEE Code of Conduct”.

Chair presented the second slide (See Slide #43) of the IEEE SA Participation Policy slides. Chair noted – “Participants in the IEEE-SA “individual process” shall act independently of others, including employers. By participating in standards activities using the “individual process”, you are deemed to accept these requirements; if you are unable to satisfy these requirements then you shall immediately cease any participation.”

Chair informed the Task Force that the meeting opening information would not need to be reviewed at the start of the meetings during the plenary week. Nevertheless all the information and guidelines remain valid.

Chair reminded participants that all contributions must be submitted with the PDF document properties properly completed. If the properties are not correct, the contribution would be returned.

Chair took an opportunity to express his heartfelt thanks to all of his leadership and editorial team members who are working together very hard in order to prepare for all these meetings and the comment resolution work.

#### **Comment Agenda:**

Title	<b>Comment Agenda</b>
Presenters	Matt Brown
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/brown_3dj_04a_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/brown_3dj_04a_2507.pdf</a>

At 10:50am, John D'Ambrosia passes the presentation chair responsibility to Mark Nowell.

Prior to the start of the presentation, the author indicated that he had an updated version '02c'. There was no objection to hearing the updated version.

**Presentation #TF-9:**

Title	<b>Shortened test time for Block-Error RX Sensitivity</b>
Presenters	Michael He
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/he_m_3dj_01c_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/he_m_3dj_01c_2507.pdf</a>

Questions were asked and answered.

Chair reminded participants to sign into IMAT to record their attendance in the meeting.

**Presentation #TF-10:**

Title	<b>Regarding using block error ratio as performance metric</b>
Presenters	Guancan Mi
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/mi_3dj_03a_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/mi_3dj_03a_2507.pdf</a>

Questions were asked and answered.

**Straw poll #TF-5:**

I support the direction as proposed in slide 13 of he\_m\_3dj\_01c\_2507 to address the issue raised in comment #593 and associated comments.

Results: Y: 27 , N: 3 , NMI: 8 , A: 16

Chair asked individuals that submitted contributions to confirm that the appropriate version was posted to the Task Force meeting website.

Chair reminded participants to review the "bucket2" comment report. The deadline to pull comments from bucket2 was Monday, 28 July 2025. (see: <https://www.ieee802.org/3/B400G/email/msg01587.html>)

Meeting recessed for the day at 11:59 a.m.



## 28 July 2025 – Task Force Session

July 2025 Session - July 23 Electronic Meeting & July 2025 Plenary

July 2025 Session

Location: Madrid, Spain

Session called to order at 2:30 p.m. Central European Summer Time (CEST) by John D'Ambrosia, Chair of the P802.3dj Task Force. All time CEST unless stated otherwise.

Chair noted that every attendee at the IEEE 802.3 July 2025 meeting (Face-to-Face or Remote) must register and pay a fee to participate. (see slide #1 of agenda)

Chair reminded participants to declare their name and affiliation in the online meeting tool. Failure to declare would result in expulsion from the meeting.

### Bucket2 Pull Summary

Kent Lusted noted that he sent a summary of the requests to pull comments from the P802.3dj D2.0 bucket2 received before the deadline. (see <https://www.ieee802.org/3/B400G/email/msg01595.html> ) John D'Ambrosia provided the list of bucket2 pull requests to participants. He asked participants if there were any additional bucket2 pull requests. No one responded.

Chair noted that motions would be taken with the Direct Vote Live tool if there was not unanimous consent. Chair asked if there would be opposition to attempt the vote by unanimous consent. No one responded.

<b>Motion #3</b>	Move to: <ul style="list-style-type: none"><li>Adopt the proposed responses for P802.3dj D2.0 comment resolution in 'bucket2' <a href="https://www.ieee802.org/3/dj/comments/D2p0/8023dj_D2p0_comments_proposed_id_bucket2.pdf">https://www.ieee802.org/3/dj/comments/D2p0/8023dj_D2p0_comments_proposed_id_bucket2.pdf</a> except comments # 76, 77, 79, 232, 233, 234, 371, 397, 400, 419, 546, 547, 548, 549, 550, 551, 552, 553, 655, 658, 683, 684, 686, 701, 729</li></ul>
<b>Technical (&gt;= 75%)</b>	
<b>Moved by</b>	Matt Brown
<b>Second by</b>	Adee Ran
<b>Results 802.3 (y/n/a)</b>	Passed by unanimous consent. 2:36 p.m.

Chair noted that the proposed liaisons to SNIA/SFF and SFP-DD MSA were posted for participant review. (see: [https://www.ieee802.org/3/dj/public/25\\_07/dambrosia\\_3dj\\_03\\_2507\\_Redacted.pdf](https://www.ieee802.org/3/dj/public/25_07/dambrosia_3dj_03_2507_Redacted.pdf) and [https://www.ieee802.org/3/dj/public/25\\_07/dambrosia\\_3dj\\_02\\_2507\\_Redacted.pdf](https://www.ieee802.org/3/dj/public/25_07/dambrosia_3dj_02_2507_Redacted.pdf) ) He asked participants to review offline and send him feedback prior to Wednesday 5pm CEST.

Chair noted that he received a late presentation request from Roberto Rodes on the "TDECQ" topic. Mark Nowell noted that the late contribution provided supporting data to the participants to review. Chair asked if there was objection to hearing the late contribution. No one responded.

At 2:41 p.m., John D'Ambrosia passed the meeting chair responsibilities to Mark Nowell.

**Comment Agenda:**

Title	<b>Comment Agenda</b>
Presenters	Matt Brown
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/brown_3dj_04b_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/brown_3dj_04b_2507.pdf</a>

Chief Editor noted that any remaining time on Monday would be spent on electrical topics.

Chair noted that the CRG might use the AM0 slots to resolve comments if needed.

**Presentation #TF-11:**

Title	<b>Supporting Materials for 802.3dj D2.0 comment #466</b>
Presenters	Jeff Slavick
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/slavick_3dj_02_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/slavick_3dj_02_2507.pdf</a>

Questions were asked and answered.

**IMAT Reminder:**

3:17 p.m. Chair reminded the room that this meeting required registration and payment of registration fee.

Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

**Straw Poll #TF-6**

Type: direction

(see comment #466)

**Straw Poll #TF-7**

Type: direction

(see comment #466)

**Presentation #TF-12:**

Title	<b>ILT Send Training Timer</b>
Presenters	Xiang He
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/wang_3dj_02_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/wang_3dj_02_2507.pdf</a>

Questions were asked and answered.

Mark Nowell noted that the optical track would meet during the AM0 slot on Tuesday, 29 July 2025 to discuss the "TDECQ" optic. The optical track would then continue during AM1 on Tuesday.

**PM Break**

Break at 4:16 p.m. Resumed at 4:36 p.m.

**IMAT Reminder:**

5:25 p.m. Chair reminded the room that this meeting required registration and payment of registration fee.

Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

**Presentation #TF-13:**

Title	<b>Codeword Error Rate and Hyper Spherical TDECQ</b>
Presenters	Ahmed El-Chayeb
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/chayeb_3dj_01c_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/chayeb_3dj_01c_2507.pdf</a>

Questions were asked and answered.

**Straw Poll #TF-8**

Type: direction

(see comment #1)

**Presentation #TF-14:**

Title	<b>Optical Tx Specification Proposal Functional Receiver &amp; FEC Code Word Mask</b>
Presenters	Chris Cole
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/cole_3dj_01b_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/cole_3dj_01b_2507.pdf</a>

Questions were asked and answered.

Mark Nowell noted that the proposal from Chris Cole would be discussed further on Thursday during the common Task Force time.

Chair reminded participants to review the proposed liaison responses to SNIA-SFF and SFP-DD.

Meeting recessed for the day at 6:44 p.m.

## **29 July 2025 – Electrical Track**

July 2025 Session - July 23 Electronic Meeting & July 2025 Plenary

July 2025 Session

Location: Madrid, Spain

Session called to order at 9:06 a.m. Central European Summer Time (CEST) by Kent Lusted, Electrical Track Chair of the P802.3dj Task Force. All time CEST unless stated otherwise.

Chair noted that every attendee at the IEEE 802.3 July 2025 meeting (Face-to-Face or Remote) must register and pay a fee to participate. (see slide #1 of agenda)

Chair reminded participants to declare their name and affiliation in the online meeting tool. Failure to declare would result in expulsion from the meeting.

Comment resolution resumed at 9:15 a.m.

### **Straw Poll #E-1**

Type: Directional

(see comment #447)

### **IMAT Reminder:**

10:08 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

### **AM Break**

Break at 11:00 a.m. Resumed at 11:30 a.m.

### **Straw Poll #E-2**

Type: direction

(see comment #289)

Norm Swenson withdrew comment #660.

### **IMAT Reminder:**

12:37 p.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

### **Lunch Break**

Break at 1:11 p.m. Resumed at 2:32 p.m.

Track chair reviewed the current progress towards completing electrical track comments by the end of the Plenary. He noted that the plan was to address all of the "Electrical TRack #1" comments in the comment agenda, at a minimum, by

the end of the day. He indicated that resolution might go into PM3 to accomplish it. He asked if there was any objection. No one objected.

Track Chair noted at the Task Force Chair directed the editorial team to leave the scope of D2.1 open. The TF Chair plans to restrict scope starting with D2.2. Track Chair asked if there were any questions. No one responded.

Chief Editor noted that the response to closed comment #306 needed a correction to the test point name. He asked if there was objection to reopening comment #306 to do it. No one responded. Comment #306 was opened, revised, and closed.

#### **IMAT Reminder:**

3:36 p.m. Chair reminded the room that this meeting required registration and payment of registration fee.

Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Track Chair noted that the AM0 and the PM3 slots at the Madrid Plenary meeting would not count for IEEE 802.3 Working Group attendance credit. Participants attending meetings in those slots should still sign into IMAT to record their attendance for the meeting minutes. The Task Force Chair reminded individuals that no changes to attendance would be made after each IMAT announcement.

#### **Presentation #E-1:**

Title	<b>Differential-mode to Common-mode and Common-mode to Differential-mode reflection specifications</b>
Presenters	Mike Dudek
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/dudek_3dj_01_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/dudek_3dj_01_2507.pdf</a>

Questions were asked and answered.

#### **PM Break**

Break at 4:28 p.m. Resumed at 4:50 p.m.

#### **Straw Poll #E-3**

Type: direction

(see comment #50)

#### **IMAT Reminder:**

5:44 p.m. Chair reminded the room that this meeting required registration and payment of registration fee.

Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Track Chair noted that the in-person attendees would meet in the Castilla Planta Baja Ground floor room on Wednesday. Meeting would start at the announced 9am CEST.

Track Chair reviewed the comment agenda plan for Wednesday.

Meeting recessed for the day at 6:43 p.m.

## 29 July 2025 – Logic Track

July 2025 Session - July 23 Electronic Meeting & July 2025 Plenary

July 2025 Session

Location: Madrid, Spain

Session called to order at 9:06 a.m. Central European Summer Time (CEST) by Gary Nicholl, Logic Track Chair of the P802.3dj Task Force. All time CEST unless stated otherwise.

The Chair reminded participants to declare their name and affiliation in the online meeting tool. Failure to declare would result in expulsion from the meeting.

Comment resolution began at 9:11 a.m.

### IMAT Reminder:

10:20 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit (AM1). He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

### AM Break

Break at 11:05 a.m. Resumed at 11:22 a.m.

### IMAT Reminder:

12:31 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit (AM2). He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

### Lunch Break

Break at 1:04 p.m. Resumed at 2:20 p.m.

### Presentation #L-1:

Title	Updated test vectors for 177A
Presenters	Xiang He (Huawei)
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/he_x_3dj_01_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/he_x_3dj_01_2507.pdf</a>

Questions were asked and answered.

### IMAT Reminder:

15:38 p.m. Chair reminded the room that this meeting required registration and payment of registration fee. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit (PM1). He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

**PM Break**

Break at 4:02 p.m. Resumed at 4:18 p.m.

Comment resolution completed at 5:56 p.m.

**IMAT Reminder:**

5:58 p.m. Chair reminded the room that this meeting required registration and payment of registration fee.

Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit (PM2). He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Meeting recessed for the day at 6:01 p.m.



## 29 July 2025 – Optical Track

July 2025 Session - July 23 Electronic Meeting & July 2025 Plenary

July 2025 Session

Location: Madrid, Spain

Session called to order at 8:05 a.m. Central European Summer Time (CEST) by Mark Nowell, Optical Track Chair of the P802.3dj Task Force. All time CEST unless stated otherwise

Chair reminded participants to declare their name and affiliation in the online meeting tool. Failure to declare would result in expulsion from the meeting.

If participants are not eligible to sign in to IMAT to claim attendance credit, please send an email to the Task Force Chair and Recording Secretary to be recorded in the minutes as an attendee. Chair shared that IMAT

### Presentation #O-1:

Title	<b>Experimental Post-FEC Results to Validate Functional test Margin Parameters</b>
Presenters	Roberto Rodes
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/rodes_3dj_01b_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/rodes_3dj_01b_2507.pdf</a>

Questions were asked and answered.

### Presentation #O-2:

Title	<b>Improving TDECQ Test Coverage</b>
Presenters	Ali Ghiasi
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/ghiasi_3dj_03c_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/ghiasi_3dj_03c_2507.pdf</a>

Questions were asked and answered.

### Presentation #O-3:

Title	<b>Benefit of Adding DFE to TDECQ</b>
Presenters	Ali Ghiasi
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/ghiasi_3dj_04c_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/ghiasi_3dj_04c_2507.pdf</a>

Questions were asked and answered.

Comment resolution began

During Comment 343 resolution discussion the following Straw Polls were taken:

### Straw Poll O-1 (pick one)

### Straw Poll O-2 (chicago rules)

I support the following constraint:

A:  $\text{abs}(c(1)-c(-1)) < 0.3$

B:  $\text{abs}(c(1)-c(-1)) < 0.25$  only if  $c(1) > 0$

C:  $-0.3 < c(1)-c(-1) < 0.15$

D: no change

Results

Straw Poll O-1: A: 6 B: 10 C: 6 D: 3

Straw Poll O-2: A: 8 B: 13 C: 10 D: 3

**IMAT Reminder:**

10:30 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

During Comment 384 resolution discussion the following Straw Poll was taken:

**Straw poll O-3 (decision)**

I support adding a 1-tap DFE with T equal to the symbol period and with coefficient limits of 0 to 0.3 to the TDECQ reference receiver defined in Clauses 180, 181, 182, and 183.

Yes: 23

No: 10

**AM Break**

Break at 11:15 a.m. Resumed at 11:30 a.m.

Comment resolution continues

**Presentation #O-4:**

Title	<b>Options for relaxing the 800GBASE-ER1 optical frequency accuracy specification</b>
Presenters	Eric Maniloff
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/maniloff_3dj_02_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/maniloff_3dj_02_2507.pdf</a>

Questions were asked and answered.

**IMAT Reminder:**

12:40 p.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

**Presentation #O-5:**

Title	<b>Addressing Clause 185 comments against D2.0 for 800GBASE-LR1</b>
Presenters	Kishore Kota
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/kota_3dj_01a_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/kota_3dj_01a_2507.pdf</a>

Questions were asked and answered.

**Lunch Break**

Break at 1:15 p.m. Resumed at 2:15 p.m.

Comment resolution continued

**Presentation #O-6:**

Title	<b>Optical specifications updates for 800GBASE-LR1 &amp; 800GBASE-ER1</b>
Presenters	Eric Maniloff
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/maniloff_3dj_01_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/maniloff_3dj_01_2507.pdf</a>

Questions were asked and answered.

**Presentation #O-7:**

Title	<b>Proposed changes to P802.3dj MPI and DGD penalty specifications</b>
Presenters	John Johnson
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/johnson_3dj_01a_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/johnson_3dj_01a_2507.pdf</a>

Questions were asked and answered.

Ali Ghiasi commented that his calculations around MPI and DGD penalties matched John Johnson's and that he would not need to review his contribution [https://www.ieee802.org/3/dj/public/25\\_07/ghiasi\\_3dj\\_02\\_2507.pdf](https://www.ieee802.org/3/dj/public/25_07/ghiasi_3dj_02_2507.pdf) and the CRG could proceed to close the related comments using John Johnson's contribution.

**IMAT Reminder:**

3:35 p.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

**PM Break**

Break at 4:20 p.m. Resumed at 4:50 p.m.

**Presentation #O-8:**

Title	<b>Enabling ILT Presets for Optical PMDs</b>
Presenters	Ali Ghiasi
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/ghiasi_3dj_01a_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/ghiasi_3dj_01a_2507.pdf</a>

**IMAT Reminder:**

5:58 p.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Comment resolution concluded

Chair announced that the optical track will meet Wednesday starting at AM2. This will be a working session for those who are interested in participating in the refinement of the functional link proposal (cole\_01) to generate a late contribution which will have the editorial details fleshed out better for the CRG to review on Thursday morning.

Chair also commented that we have made substantive technical changes in the optical specs and he is strongly requesting some data validation being contributed to confirm these changes provide the results we expect. The group changed the TDECQ receiver specs, got a proposed change to TDECQ, now has a newly proposed functional receiver test.

Meeting recessed for the day at 6:30 p.m.

### **30 July 2025 – Optical Track**

July 2025 Session - July 23 Electronic Meeting & July 2025 Plenary

July 2025 Session

Location: Madrid, Spain

Session called to order at 11:20 a.m. Central European Summer Time (CEST) by Mark Nowell, Optical Track Chair of the P802.3dj Task Force. All time CEST unless stated otherwise

Chair opened and explained that this would be a working session to work and collaborate towards improving the clarity on the functional receiver proposal (cole\_01) and mapping it into an editorially clear proposal. The intention is this will create a late contribution to be shared with the CRG on Thursday morning.

In the working session there would be discussion and debate but no binding decisions.

For attendance, IMAT will be used. Participation in the working session will count for voting rights. IMAT currently is showing slots for optical track for the rest of the day but when we finish, the extra IMAT slots for optical track will be removed.

Work session started 11:30 am.

#### **Lunch Break**

Break at 1:00 p.m. Resumed at 2:30 p.m.

Working session ended 4:00 pm

## 30 July 2025 – Electrical Track

July 2025 Session - July 23 Electronic Meeting & July 2025 Plenary

July 2025 Session

Location: Madrid, Spain

Session called to order at 9:05 a.m. Central European Summer Time (CEST) by Kent Lusted, Electrical Track Chair of the P802.3dj Task Force. All time CEST unless stated otherwise

Chair noted that every attendee at the IEEE 802.3 July 2025 meeting (Face-to-Face or Remote) must register and pay a fee to participate. (see slide #1 of agenda)

Chair reminded participants to declare their name and affiliation in the online meeting tool. Failure to declare would result in expulsion from the meeting.

Track Chair noted that participants attending meetings in those slots should still sign into IMAT to record their attendance for the meeting minutes. The Task Force Chair reminded individuals that no changes to attendance would be made after each IMAT announcement.

Track chair reviewed the current progress towards completing electrical track comments by the end of the Plenary. He noted that the plan was to address all of the “Electrical Track #2” comments in the comment agenda by the end of the day. He asked if there was any objection. No one objected.

Comment resolution resumed at 9:09 a.m.

### Straw Poll #E-4

Type: direction

(see comment #496)

### Presentation #E-2:

Title	Evaluation of Rpeak
Presenters	Guangcan Mi
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/mi_3dj_02a_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/mi_3dj_02a_2507.pdf</a>

Questions were asked and answered.

### IMAT Reminder:

9:51 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded. The Task Force Chair reminded individuals that no changes to attendance would be made after each IMAT announcement.

Xiang He withdrew comment #455.

Task Force Chair reminded participants to review the proposed liaisons to SNIA-SFF and SFP-DD. Feedback was requested by 5pm CEST Wednesday.

#### **AM Break**

Break at 10:57 a.m. Resumed at 11:30 a.m.

Track Chair noted that there was offline consensus building on the “Presets and Tx max swing” topic and would be deferred until after lunch, to the start of PM1.

At approximately 12:30 p.m., the Chair reminded all participants of the need for decorum in all meetings and that compliance with the IEEE Code of Ethics is required by all participants.

#### **IMAT Reminder:**

12:40 p.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D’Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Norm Swenson withdrew comment #643.

#### **Lunch Break**

Break at 1:04 p.m. Resumed at 2:20 p.m.

#### **Presentation #E-2:**

Title	<b>Extending S-Parameters Mask Range to 67 GHz</b>
Presenters	Ali Ghiasi
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/ghiasi_3dj_05b_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/ghiasi_3dj_05b_2507.pdf</a>

Questions were asked and answered.

#### **Straw Poll #E-5**

Type: directional

(see comment #688)

#### **IMAT Reminder:**

3:59 p.m. Chair reminded the room that this meeting required registration and payment of registration fee. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D’Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

#### **PM Break**

Break at 4:18 p.m. Resumed at 4:45 p.m.

#### **IMAT Reminder:**

5:57 p.m. Chair reminded the room that this meeting required registration and payment of registration fee. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John

D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Matt Brown withdrew comment #301.

Track Chair outlined the plans for Thursday. He announced a start time of 9:00 a.m. CEST for Thursday.

Meeting recessed for the day at 6:00 p.m.

## 31 July 2025 – Task Force

July 2025 Session - July 23 Electronic Meeting & July 2025 Plenary

July 2025 Session

Location: Madrid, Spain

Session called to order at 9:01 a.m. Central European Summer Time (CEST) by John D'Ambrosia, Chair of the P802.3dj Task Force. All time CEST unless stated otherwise

Chair noted that every attendee at the IEEE 802.3 July 2025 meeting (Face-to-Face or Remote) must register and pay a fee to participate. (see slide #1 of agenda)

Chair reminded participants to declare their name and affiliation in the online meeting tool. Failure to declare would result in expulsion from the meeting.

Track Chair noted that participants attending meetings in those slots should still sign into IMAT to record their attendance for the meeting minutes. The Task Force Chair reminded individuals that no changes to attendance would be made after each IMAT announcement.

### Liaison - SFF

John D'Ambrosia showed the proposed liaison communication from IEEE to the SNIA SFF on the SFP topic. He provided an overview of the letter. (see: [https://www.ieee802.org/3/dj/public/25\\_07/dambrosia\\_3dj\\_03\\_2507\\_Redacted.pdf](https://www.ieee802.org/3/dj/public/25_07/dambrosia_3dj_03_2507_Redacted.pdf) )

Changes were made and saved to the filename to align with IEEE 802.3 conventions. (see: [https://www.ieee802.org/3/dj/public/25\\_07/IEEE\\_802d3\\_to\\_SFF\\_3dj\\_2507\\_Redacted.pdf](https://www.ieee802.org/3/dj/public/25_07/IEEE_802d3_to_SFF_3dj_2507_Redacted.pdf) )

### Liaison - SFP-DD

John D'Ambrosia showed the proposed liaison communication from IEEE to the SFP-DD MSA on the SFP-DD topic. He provided an overview of the letter. (see:

[https://www.ieee802.org/3/dj/public/25\\_07/dambrosia\\_3dj\\_02\\_2507\\_Redacted.pdf](https://www.ieee802.org/3/dj/public/25_07/dambrosia_3dj_02_2507_Redacted.pdf) ) Changes were made and saved to the filename to align with IEEE 802.3 conventions. (see:

[https://www.ieee802.org/3/dj/public/25\\_07/IEEE\\_802d3\\_to\\_SFPDD\\_3dj\\_2507\\_Redacted.pdf](https://www.ieee802.org/3/dj/public/25_07/IEEE_802d3_to_SFPDD_3dj_2507_Redacted.pdf) )

<b>Motion #4</b>	Move that the IEEE P802.3dj Task Force approve: <ul style="list-style-type: none"><li>• IEEE_802d3_to_SFF_3dj_2507_Redacted.pdf</li><li>• IEEE_802d3_to_SFPDD_3dj_2507_Redacted.pdf</li></ul> with editorial license granted to the Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 Working Group to SNIA and SFP-DD MSA.
<b>Technical (&gt;= 75%)</b>	
<b>Moved by</b>	Sam Kocsis
<b>Second by</b>	Tom Palkert
<b>Results 802.3 (y/n/a)</b>	Passed by unanimous consent. 9:19 a.m. CEST

Comment resolution resumed at 9:20 a.m.

At 9:24 a.m., John D'Ambrosia passed the meeting chair responsibilities to Mark Nowell.



Prior to the start of Straw Poll #TF-15, there was a discussion on the filename of the “Transmitter Functional Symbol Error Mask Test Proposal” contribution. The Chair noted that he posted it as a revised version of the prior contribution. He was later informed that the contribution was effectively a rewrite of the prior content. He would leave it posted as an updated version because participants had already posted it on the website.

#### **Presentation #TF-15:**

Title	<b>Transmitter Functional Symbol Error Mask Test Proposal</b>
Presenters	Chris Cole
URL	<a href="https://www.ieee802.org/3/dj/public/25_07/cole_3dj_01d_2507.pdf">https://www.ieee802.org/3/dj/public/25_07/cole_3dj_01d_2507.pdf</a>

Questions were asked and answered.

#### **IMAT Reminder:**

10:18 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

#### **IMAT Reminder:**

10:47 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

#### **AM Break**

Break at 10:47 a.m. Resumed at 11:25 a.m.

Over the break, there were modifications to the contribution “Transmitter Functional Symbol Error Mask Test Proposal” was updated to version 01e with feedback captured during Q&A. The updated version 01e was shown by Matt Brown (Chief Editor) during the resolution of comment #392.

#### **Straw Poll #TF-9**

Type: directional

(see comment #392)

#### **IMAT Reminder:**

12:36 p.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

The Chief Editor confirmed that all comments were closed in the database.

Chair noted that motions would be taken with the Direct Vote Live tool if there was not unanimous consent. Chair asked if there would be opposition to attempt the vote by unanimous consent. No one responded.

<b>Motion #5</b>	Move that the IEEE P802.3dj Task Force generate Draft 2.1 for the first Working Group recirculation from D2.0 and the closed comments
<b>Technical (&gt;= 75%)</b>	
<b>Moved by</b>	Matt Brown
<b>Second by</b>	Mike Dudek
<b>Results 802.3 (y/n/a)</b>	Passed by unanimous consent. 12:43 p.m.

Chair noted that closed comments also includes the comments in bucket1 adopted by Motion #1 on Monday, 14 July 2025 and the comments in bucket2 adopted by Motion #2 on Monday, 28 July 2025.

Chair thanked the participants for their work to resolve the comments.

Chair reviewed the future meetings and ad hocs. See agenda

[https://www.ieee802.org/3/dj/public/25\\_07/agenda\\_3dj\\_02b\\_2507.pdf](https://www.ieee802.org/3/dj/public/25_07/agenda_3dj_02b_2507.pdf)

Chair reminded participants of the Annex 178B ad hoc and email reflector.

Chair reviewed the path going forward and the estimated recirculation ballot dates. (see slide 23 in

[https://www.ieee802.org/3/dj/public/25\\_07/agenda\\_3dj\\_02b\\_2507.pdf](https://www.ieee802.org/3/dj/public/25_07/agenda_3dj_02b_2507.pdf) )

Chair and IEEE 802.3 Working Group Chair recognized Peter Stassar for his upcoming retirement.

Meeting adjourned at 12:55 p.m.

**Attendees (per IMAT)**

Note: the Task Force attendance records below capture individuals that registered their attendance via IMAT for one or more “slots” on the specified day

**9-10, 14-16 July**

Name	Affiliation	Employer	9-Jul	10-Jul	14-Jul	15-Jul	16-Jul
Akinwale, Oluwafemi	Intel Corporation	Intel Corporation	X	X	0	X	X
Albrecht, Charles	Albrecht Engineering		X	0	0	0	0
Banas, David	Keysight		X	0	0	0	0
Bernier, Eric	Huawei Technologies Canada; Huawei Technologies Co., Ltd	Huawei Technologies Canada Co., Ltd.	X	0	X	X	X
Brown, Matthew	Alphawave Semi	Alphawave Semi	0	0	X	0	0
Bruckman, Leon	NVIDIA	NVIDIA	X	X	X	X	X
Calvin, John	Keysight Technologies	Keysight Technologies	X	X	X	X	X
Chang, Yongmao	Source Photonics	Inphi Corporation	X	X	X	X	X
Chen, Chan	Applied Optoelectronics, Inc.	Self Employed	X	0	0	0	X
Chen, Yuanjie	Marvell Semiconductor, Inc.		0	X	0	X	X
Cox, Ian	Broadcom Corporation		X	X	0	0	0
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei	X	X	X	X	X

Name	Affiliation	Employer	9-Jul	10-Jul	14-Jul	15-Jul	16-Jul
Dawe, Piers J G	Nvidia	NVIDIA	X	X	X	X	X
de Koos, Andras	Microchip Technology, Inc.	Microchip Technology Inc	X	X	X	0	0
Dsilva, Hansel	Amphenol Corporation		X	X	X	X	X
Dudek, Michael	Marvell	Marvell	X	X	X	X	X
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc	X	X	X	X	X
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.	X	X	X	X	X
Ghiasi, Ali	Ghiasi Quantum LLC, MARVELL	Ghiasi Quantum LLC	X	0	X	0	X
Gore, Brandon	Samtec, Inc.	Samtec, Inc.	0	0	0	X	0
Gupta, Ajeya	General Motors Company		0	X	0	0	0
HE, MICHAEL	TeraHop Pte. Ltd.		X	X	X	X	X
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	X	X	X
Healey, Adam	Broadcom Inc.	Broadcom Inc.	X	X	X	X	X
Heck, Howard	Intel Corporation	TE Connectivity	X	X	X	X	X
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor	X	X	X	X	X
Huang, Kechao	Huawei Technologies Co., Ltd		X	0	X	X	0
Huber, Thomas	Nokia	Nokia	X	X	X	X	X
Hutchins, Jeff	Ranovus	Ranovus	X	0	X	0	0
Isono, Hideki	Fujitsu Optical Components	Furukawa FITEL Optical Components Limited	X	0	0	0	0

Name	Affiliation	Employer	9-Jul	10-Jul	14-Jul	15-Jul	16-Jul
Issenhuth, Tom	Huawei Technologies Co., Ltd	Issenhuth Consulting, LLC	X	X	X	X	X
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD	X	X	X	0	X
Johnson, John	Broadcom	Broadcom Corporation	X	0	X	X	X
Kabra, Lokesh	Synopsys, Inc.	Synopsys, Inc.	X	0	X	0	0
Kim, Do Kyun	LG ELECTRONICS		0	X	0	X	0
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.	X	X	X	X	0
Kimber, Eric	Semtech Ltd	Semtech Ltd	X	0	0	0	0
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.	0	X	0	0	0
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation	X	X	X	X	X
Lambert, Angela	Corning Incorporated	Corning Incorporated	X	X	X	0	X
Landry, Gary	Texas Instruments	Texas Instruments Inc.	X	X	X	X	X
Law, David	Hewlett Packard Enterprise	Hewlett Packard Enterprise	0	0	X	0	X
Li, Mike-Peng	Intel	Intel	X	X	X	X	X
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.	X	X	X	X	X
Lin, Jie	Marvell	Marvell Semiconductor, Inc.	0	0	X	X	X
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.	X	X	X	0	X
Liu, Cathy	Broadcom	Broadcom Corporation	X	X	X	X	X

Name	Affiliation	Employer	9-Jul	10-Jul	14-Jul	15-Jul	16-Jul
Liu, Karen	Nubis Communications	Nubis Communications	X	0	0	X	0
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.	X	X	X	X	X
Malicoat, David	Malicoat Networking Solutions; SENKO Advanced Components	Malicoat Networking Solutions	X	X	X	X	X
Marris, Arthur	Cadence Design Systems, Inc.	Cadence Design Systems, Inc.	X	X	X	X	X
Mascitto, Marco	Nokia		X	X	X	X	X
Mazzini, Marco	Cisco Systems, Inc.	Cisco Systems, Inc.	X	0	0	0	0
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.	X	X	X	0	X
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	0	X	0	0	X
Mitcheltree, Tom	US Conec, Ltd.	US Conec, Ltd.	X	X	X	X	X
Muhigana, Ernest	Lumentum	Lumentum LLC	X	X	X	X	X
Muller, Shimon	Enfabrica	Enfabrica Corp.	X	0	X	X	X
MURAKAMI, YUKI	FUJITSU	FUJITSU	X	X	X	X	X
Murty, Ramana	Broadcom Inc.	Broadcom Inc.	X	0	0	0	0
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation	X	0	0	X	X
Naderi Shahi, Sina	Marvell		X	0	0	0	0
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X	0

Name	Affiliation	Employer	9-Jul	10-Jul	14-Jul	15-Jul	16-Jul
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.	X	0	0	0	X
Nicholl, Shawn	Xilinx	Advanced Micro Devices (AMD)	X	0	X	X	0
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	0	X
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.	X	X	X	0	X
Omori, Kumi	NEC Corporation	NEC Corporation	X	0	0	0	0
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.	X	X	X	X	X
Palkert, Thomas	Samtec, Inc., Macom		0	X	X	X	X
peng, semmy	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	0	0	0	X	0
Rabinovich, Rick	Keysight Technologies	Keysight Technologies	X	0	0	X	X
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X	X
Ren, Hao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	0	X	0	0	0
Royer, Tyler	Senko Advanced Components	SENKO Advanced Components	X	0	X	X	0
Rysin, Alexander	NVIDIA	NVIDIA	X	X	X	X	0
Sakai, Toshiaki	Socionext	Socionext Inc.	X	X	X	X	X
Sekel, Steve	Wilder Technologies	Wilder Technologies	X	X	X	X	X
Shah, Anup	Siemens Corporation	Siemens Corporation	X	0	0	0	0

Name	Affiliation	Employer	9-Jul	10-Jul	14-Jul	15-Jul	16-Jul
Shakiba, Mohammad	Huawei Technologies Canada; Huawei Technologies Co., Ltd	Huawei Technologies Canada	X	X	X	X	X
She, Qingya	FUJITSU	Fujitsu Network Communications	0	X	0	0	0
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.	0	0	X	X	0
Simms, William	NVIDIA Corporation	NVIDIA Corporation	X	X	X	X	X
Slavick, Jeff	Broadcom Inc	Broadcom Inc	X	X	X	X	X
Smith, Evan	Tektronix, Inc.	Tektronix, Inc.	0	0	0	0	X
Sommers, Scott	Molex Incorporated	Molex LLC	X	0	X	X	X
Son, Yung Sung	Optomind Inc	Optomind Inc	X	X	X	X	X
Sorbara, Massimo	GlobalFoundries	GLOBALFOUNDRIES	X	0	0	0	0
Spruit, Hans	TRUMPF	TRUMPF	X	X	X	X	X
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	0	X	X	0	X
Swenson, Norman	Norman Swenson Consulting; Point2 Technology Inc., Infinera	Norman Swenson Consulting	X	X	X	X	X
TAKAHARA, TOMOO	FUJITSU	FUJITSU LABORATORIES LIMITED	0	0	0	0	X
Theodoras, James	SCINTIL Photonics	Scintil Photonics	X	X	X	0	0



Name	Affiliation	Employer	9-Jul	10-Jul	14-Jul	15-Jul	16-Jul
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	0	X
Tracy, Nathan	TE Connectivity	TE Connectivity	X	0	X	X	X
Tran, Viet	Keysight Technologies	Keysight Technologies	X	0	X	0	0
WANG, Xuebo	Huawei Technologies Co., Ltd		X	X	X	X	X
Watanabe, Yojiro	Mitsubishi Electric Corporation	Mitsubishi Electric US, Inc.	X	X	0	0	0
Weaver, James	Arista Networks	Arista Networks	X	X	0	X	X
Welch, Brian	Cisco Systems, Inc.	Cisco Systems, Inc.	X	0	X	0	0
Williams, Tom	Cisco Systems	Cisco Systems, Inc.	0	X	0	0	0
Zhang, Kan	China Mobile Research Institute		0	X	0	0	0
Zhou, Lei	New H3C Technologies Co., Limited	H3C Technologies Co., Limited	X	X	0	0	0
Zhuang, Shu	Anritsu Company		X	0	0	0	0

## 23 July

Name	Affiliation	Employer
Akinwale, Oluwafemi	Intel Corporation	Intel Corporation
Bernier, Eric	Huawei Technologies Canada; Huawei Technologies Co., Ltd	Huawei Technologies Canada Co., Ltd.
Bruckman, Leon	NVIDIA	NVIDIA
Calvin, John	Keysight Technologies	Keysight Technologies
Choudhury, Golam	OFS	Lightera

Cohen Zada, Evyatar Aviel	XsightLabs	
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
Dawe, Piers J G	Nvidia	NVIDIA
de Koos, Andras	Microchip Technology, Inc.	Microchip Technology Inc
Dsilva, Hansel	Amphenol Corporation	
Dudek, Michael	Marvell	Marvell
Ghiasi, Ali	Ghiasi Quantum LLC, MARVELL	Ghiasi Quantum LLC
HE, MICHAEL	TeraHop Pte. Ltd.	
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Huber, Thomas	Nokia	Nokia
Issenhuth, Tom	Huawei Technologies Co., Ltd	Issenhuth Consulting, LLC
Johnson, John	Broadcom	Broadcom Corporation
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments	Texas Instruments Inc.
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.
Liu, Cathy	Broadcom	Broadcom Corporation

Liu, Karen	Nubis Communications	Nubis Communications
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Malicoat, David	Malicoat Networking Solutions; SENKO Advanced Components	Malicoat Networking Solutions
Marris, Arthur	Cadence Design Systems, Inc.	Cadence Design Systems, Inc.
Mascitto, Marco	Nokia	
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Muller, Shimon	Enfabrica	Enfabrica Corp.
MURAKAMI, YUKI	1Finity	FUJITSU
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.
Noujeim, Leesa	Google	Google
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Palkert, Thomas	Samtec, Inc., Macom	
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Ren, Hao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Rodes, Roberto	Coherent	II-VI
Royer, Tyler	Senko Advanced Components	SENKO Advanced Components
Rubin, Amir	NVIDIA	

Rysin, Alexander	NVIDIA	NVIDIA
Sakai, Toshiaki	Socionext	Socionext Inc.
Sekel, Steve	Wilder Technologies	Wilder Technologies
Shakiba, Mohammad	Huawei Technologies Canada; Huawei Technologies Co., Ltd	Huawei Technologies Canada
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Smith, Evan	Tektronix, Inc.	Tektronix, Inc.
Son, Yung Sung	Optomind Inc	Optomind Inc
Sorbara, Massimo	GlobalFoundries	GLOBALFOUNDRIES
Spruit, Hans	TRUMPF	TRUMPF
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Swenson, Norman	Norman Swenson Consulting; Point2 Technology Inc., Nokia	Norman Swenson Consulting
TAKAHARA, TOMOO	FUJITSU	FUJITSU LABORATORIES LIMITED
Theodoras, James	SCINTIL Photonics	Scintil Photonics
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Tran, Viet	Keysight Technologies	Keysight Technologies
Wang, Haojie	China Mobile	China Mobile Communications Corporation (CMCC)
WANG, Xuebo	Huawei Technologies Co., Ltd	
Weaver, James	Arista Networks	Arista Networks

Name	Employer	Affiliation
Aekins, Rob	Legrand	Legrand
Akinwale, Oluwafemi	Intel Corporation	Intel Corporation
Benyamin, Saied	Ethernovia	Ethernovia
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Brown, Matthew	Alphawave	Alphawave
Bruckman, Leon	NVIDIA	NVIDIA
Calvin, John	Keysight Technologies	Keysight Technologies
Cassan, Dave	Alphawave	Alphawave
Chan, Jason		Arista Networks
Chang, Yongmao	Inphi Corporation	Source Photonics
Chen, Chan	Self Employed	Independent/AOI
Chen, Yuanjie		Marvell Semiconductor, Inc.
Choudhury, Golam	Lightera	Lightera
Cole, Christopher R	Finisar Corporation	Coherent Corp.
Cox, Ian		Broadcom Corporation
Dahlfort, Stefan		Ericsson AB
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
Dawe, Piers J G	NVIDIA	Nvidia
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc
Dsilva, Hansel		Amphenol Corporation
Dudek, Michael	Marvell	Marvell
Effenberger, Frank	Futurewei Technologies	Futurewei Technologies

Name	Employer	Affiliation
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Fan, Xiaojie	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Ferretti, Vincent	Corning Incorporated	Corning Incorporated
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
George, John		Lightera
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
Gorshe, Steven Scott	Microchip Technology, Inc.	Microchip Technology, Inc.
HE, MICHAEL		TeraHop Pte. Ltd.
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Heck, Howard	TE Connectivity	TE Connectivity
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
Huang, Kechao		Huawei Technologies Co., Ltd
Huang, Michael		Berxel Photonics
HUANG, QINHUI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
Isono, Hideki	Furukawa FITEL Optical Components Limited	Furukawa FITEL Optical Components
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd

Name	Employer	Affiliation
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Johnson, John	Broadcom Corporation	Broadcom Corporation
Kanno, Atsushi	Nagoya Institute of Technology	Nagoya Institute of Technology
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
KATO, TAKAHIRO		Dexerials
Kimber, Eric	Semtech Ltd	Semtech Ltd
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Kotani, Yasuhiro	DENSO	DENSO
Kutscher, Noam		Marvell
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
Lessard, Stephane		Ericsson AB
Levin, Itamar	Altera Corporation, an Intel company	Altera Corporation
LI, ERGE	Huawei Technologies Co., Ltd	Huawei
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Lieder, Eyal	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Lim, Jane	Cisco Systems, Inc.	Cisco Systems, Inc.
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.

Name	Employer	Affiliation
Liu, Cathy	Broadcom Corporation	Broadcom Corporation
Liu, Hai-Feng	HG Genuine	HG Genuine
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Marques, Flavio	Lightera	Lightera
Martino, Kjersti	Inneos	Inneos
Mascitto, Marco		Nokia
mash, chris	Nupero Ltd	Ethernovia Inc
Mazzini, Marco	Cisco Systems, Inc.	Cisco Systems, Inc.
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Mitcheltree, Tom	US Conec, Ltd.	US Conec, Ltd.
Moorwood, Charles	Keysight Technologies	Keysight Technologies
Muhigana, Ernest	Lumentum LLC	Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica
MURAKAMI, YUKI	FUJITSU	FUJITSU
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Nakamoto, Edward	Spirent Communications	Spirent Communications
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Shawn	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)
Ninomiya, Tiger	Accelink USA Corporation	Accelink USA Corporation
Noujeim, Leesa	Google	Google



Name	Employer	Affiliation
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
Omori, Kumi	NEC Corporation	NEC Corporation
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Palkert, Thomas		Samtec-Macom
Pardo, Carlos	Knowledge Development for POF SL	KDPOF
Parkholm, Ulf	Telefon AB LM Ericsson	Ericsson AB
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Pfeifle, Joerg	Keysight Technologies	Keysight Technologies
Pineda, Luis	LP Tech Advisors, LLC	LP Tech Advisors, LLC (Samsung; Ethernova)
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adeel	Cisco Systems, Inc.	Cisco Systems, Inc.
Rock, Jason	Dell Inc.	Dell Inc.
Rodes, Roberto	II-VI	II-VI
Royer, Tyler	SENKO Advanced Components	Senko Advanced Components
Sakai, Toshiaki	Socionext Inc.	socionext
Salvekar, Atul	Cadence Design Systems	Cadence
Savi, Olindo	Hubbell Incorporated	Hubbell Incorporated
Sekel, Steve	Wilder Technologies	wilder Technologies
Shah, Anup	Siemens Corporation	Siemens EDA
Shakiba, Mohammad	Huawei Technologies Canada	Huawei Technologies Canada; Huawei Technologies Co., Ltd
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.

Name	Employer	Affiliation
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Smith, Evan	Tektronix, Inc.	Tektronix, Inc.
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Spruit, Hans	TRUMPF	TRUMPF
Srivastava, Atul	NEL-America	NTT Electronics
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Sun, Junqing	Credo Semiconductor	Credo Semiconductor
Sun, Yi	Lightera	Lightera
Swenson, Norman	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc.; Nokia
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tartaglia, Antonio	Ericsson AB	Ericsson AB
Theodoras, James	Scintil Photonics	Scintil Photonics
tian, yuchi		China Mobile
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Torres, Luisma	Knowledge Development for POF SL	KD
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies

Name	Employer	Affiliation
Wang, Haojie	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
WANG, Xuebo		Huawei Technologies Co., Ltd
Weaver, James	Arista Networks	Arista Networks
Welch, Brian	Cisco Systems, Inc.	Luxtera
Wu, Mau-Lin	MediaTek Inc.	MediaTek Inc.
Wu, Peter	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
XU, LI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
xu, wenxiong		WUHAN HGG OPTO
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Yamazaki, Kinya	APRESIA Systems	APRESIA Systems
Yin, Shuang		Google
Zivny, Pavel	MultiLane	MultiLane

## 29 July - Electrical

Name	Employer	Affiliation
Aekins, Rob	Legrand	Legrand
Ahuja, Ramanjit	ON Semiconductor	ON Semiconductor
Akinwale, Oluwafemi	Intel Corporation	Intel Corporation
Brandt, David	Rockwell Automation	Rockwell Automation
Calvin, John	Keysight Technologies	Keysight Technologies
Cassan, Dave	Alphawave	Alphawave
Chan, Jason		Arista Networks

Name	Employer	Affiliation
Chen, Yuanjie		Marvell Semiconductor, Inc.
Cox, Ian		Broadcom Corporation
Dalmia, Kamal	Aviva Links Inc	Aviva Links Inc
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
Donahue, Curtis	Rohde & Schwarz	Rohde & Schwarz
Dsilva, Hansel		Amphenol Corporation
Dudek, Michael	Marvell	Marvell
Ganesan, Aravind	Texas Instruments Inc.	Texas Instruments Inc.
Gauthier, Claude	NXP Semiconductors	NXP Semiconductors
Goel, Sachin	Aviva Links Inc	Aviva Links Inc
Gopal, Amrit	Ford Motor Company	Ford Motor Company
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Heck, Howard	TE Connectivity	TE Connectivity
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
HUANG, QINHUI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Kapoor, Samay	Aviva Links	Aviva Links Inc.
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
Kim, Do Kyun		LG ELECTRONICS
Kim, Gyudong		Analog Devices Inc.
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Kim, Yongbum	General Motors Company	General Motors Company

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation
Kotani, Yasuhiro	DENSO	DENSO
Kutscher, Noam		Marvell
Levin, Itamar	Altera Corporation, an Intel company	Altera Corporation
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Lim, Jane	Cisco Systems, Inc.	Cisco Systems, Inc.
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.
Liu, Cathy	Broadcom Corporation	Broadcom Corporation
Lo, William	Axonne Inc.	Axonne Inc.
Long, Richard	TE Connectivity	TE Connectivity
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.
Matheus, Kirsten	BMW Group	BMW Group
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
MURAKAMI, YUKI	FUJITSU	FUJITSU
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Ng, Hiok Tiaq	Aviva Links Inc.	Aviva Links Inc; Aviva Links Inc.
Noujeim, Leesa	Google	Google
Palkert, Thomas		Samtec-Macom
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.

Name	Employer	Affiliation
Riani, Jamal		Marvell Semiconductor, Inc.
Rock, Jason	Dell Inc.	Dell Inc.
Rysin, Alexander	NVIDIA	NVIDIA
Sakai, Toshiaki	Socionext Inc.	socionext
Savi, Olindo	Hubbell Incorporated	Hubbell Incorporated
Schreiner, Stephan	Rosenberger Hochfrequenztechnik GmbH & Co. KG	Rosenberger
Sedarat, Hossein	Ethernovia	Ethernovia
Sekel, Steve	Wilder Technologies	wilder Technologoeis
SETH, SUMANTRA	Texas Instruments Inc.	Texas Instruments Inc.
Shakiba, Mohammad	Huawei Technologies Canada	Huawei Technologies Canada; Huawei Technologies Co., Ltd
Sharma, Rohit		Molex Incorporated
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Smith, Evan	Tektronix, Inc.	Tektronix, Inc.
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Sriram, Chandrasekhar		Texas Instruments Inc.
Sun, Yi	Lightera	Lightera
Swenson, Norman	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc.; Nokia
TAKEUCHI, JUNICHI	JAE Electronics, Inc	JAE Electronics, Inc.
Tan, Yuxuan	Motorcomm	Motorcomm

Name	Employer	Affiliation
Tanc, Ahmet		NXP Semiconductors; NXP Semiconductors
TAZEBAY, MEHMET	Broadcom Corporation	Broadcom Corporation
Theodoras, James	Scintil Photonics	Scintil Photonics
tian, yuchi		China Mobile
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Tracy, Nathan	TE Connectivity	TE Connectivity
Weaver, James	Arista Networks	Arista Networks
Withey, James	Fluke Corporation	Fluke Corporation
Wu, Mau-Lin	MediaTek Inc.	MediaTek Inc.
Wu, Peter	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Zerna, Conrad	Aviva Links Inc	Aviva Links Inc

## 29 July - Optical

Name	Employer	Affiliation
Akinwale, Oluwafemi	Intel Corporation	Intel Corporation
Bruckman, Leon	NVIDIA	NVIDIA
Calvin, John	Keysight Technologies	Keysight Technologies
Cassan, Dave	Alphawave	Alphawave
Chang, Yongmao	Inphi Corporation	Source Photonics
Choudhury, Golam	Lightera	Lightera
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
Dsilva, Hansel		Amphenol Corporation
Dudek, Michael	Marvell	Marvell

Name	Employer	Affiliation
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
HE, MICHAEL		TeraHop Pte. Ltd.
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Johnson, John	Broadcom Corporation	Broadcom Corporation
KATO, TAKAHIRO		Dexerials
Kim, Do Kyun		LG ELECTRONICS
Kim, Gyudong		Analog Devices Inc.
Kimber, Eric	Semtech Ltd	Semtech Ltd
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation
Kutscher, Noam		Marvell
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
Lessard, Stephane		Ericsson AB
LI, ERGE	Huawei Technologies Co., Ltd	Huawei
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Marques, Flavio	Lightera	Lightera



Name	Employer	Affiliation
Mazzini, Marco	Cisco Systems, Inc.	Cisco Systems, Inc.
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
Mitcheltree, Tom	US Conec, Ltd.	US Conec, Ltd.
Muhigana, Ernest	Lumentum LLC	Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica
Murty, Ramana	Broadcom Inc.	Broadcom Corporation
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Ninomiya, Tiger	Accelink USA Corporation	Accelink USA Corporation
Oishi, Eiichiro		Yazaki Corporation
Omori, Kumi	NEC Corporation	NEC Corporation
Pardo, Carlos	Knowledge Development for POF SL	KDPOF
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Pfeifle, Joerg	Keysight Technologies	Keysight Technologies
Salvekar, Atul	Cadence Design Systems	Cadence
Shakiba, Mohammad	Huawei Technologies Canada	Huawei Technologies Canada; Huawei Technologies Co., Ltd
shirani, ramini	Ethernovia	Aquantia
Spruit, Hans	TRUMPF	TRUMPF
Srivastava, Atul	NEL-America	NTT Electronics
Sun, Junqing	Credo Semiconductor	Credo Semiconductor
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd

Name	Employer	Affiliation
Tartaglia, Antonio	Ericsson AB	Ericsson AB
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
WANG, Xuebo		Huawei Technologies Co., Ltd
Weaver, James	Arista Networks	Arista Networks
Welch, Brian	Cisco Systems, Inc.	Luxtera
XU, LI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Yamazaki, Kinya	APRESIA Systems	APRESIA Systems
Yin, Shuang		Google
Zuo, Mingqing		China Mobile Research Institute
Bar-Niv, Amir	Aquantia Corp	Marvell
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Boyer, Rich	Aptiv - Signal and Power Solutions	Aptiv Signal and Power Solutions
Brown, Matthew	Alphawave	Alphawave
Brychta, Michal	Analog Devices Inc.	Analog Devices Inc.
Chang, Yongmao	Inphi Corporation	Source Photonics
Chen, Chan	Self Employed	Independent/AOI
Choudhury, Golam	Lightera	Lightera
Cole, Christopher R	Finisar Corporation	Coherent Corp.
Dahlfort, Stefan		Ericsson AB
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
Dawe, Piers J G	NVIDIA	Nvidia

Name	Employer	Affiliation
Effenberger, Frank	Futurewei Technologies	Futurewei Technologies
Eguchi, Keisuke		Analog Devices; Analog Devices Inc.
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Fan, Xiaojie	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Ferretti, Vincent	Corning Incorporated	Corning Incorporated
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Gauthier, Claude	NXP Semiconductors	NXP Semiconductors
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
George, John		Lightera
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
Graber, Steffen	Pepperl+Fuchs SE	Pepperl+Fuchs SE
HE, MICHAEL		TeraHop Pte. Ltd.
Huang, Kechao		Huawei Technologies Co., Ltd
Isono, Hideki	Furukawa FITEL Optical Components Limited	Furukawa FITEL Optical Components
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Johnson, John	Broadcom Corporation	Broadcom Corporation
KATO, TAKAHIRO		Dexerials
Kimber, Eric	Semtech Ltd	Semtech Ltd

Name	Employer	Affiliation
Kleinwaechter, Mathias	in-tech GmbH	in-tech GmbH
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
Law, David	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Lessard, Stephane		Ericsson AB
Lewis, Jon	Dell Technologies	Dell Technologies
LI, ERGE	Huawei Technologies Co., Ltd	Huawei
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Liu, Hai-Feng	HG Genuine	HG Genuine
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Marques, Flavio	Lightera	Lightera
Martino, Kjersti	Inneos	Inneos
Matheus, Kirsten	BMW Group	BMW Group
Mazzini, Marco	Cisco Systems, Inc.	Cisco Systems, Inc.
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Miskho, Michael		Analog Devices Inc.
Mitcheltree, Tom	US Conec, Ltd.	US Conec, Ltd.
Muhigana, Ernest	Lumentum LLC	Lumentum
Murty, Ramana	Broadcom Inc.	Broadcom Corporation

Name	Employer	Affiliation
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.
NIIHARA, YOSHIHIRO	Fujikura Ltd.	Fujikura Ltd.
Ninomiya, Tiger	Accelink USA Corporation	Accelink USA Corporation
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Oishi, Eiichiro		Yazaki Corporation
Omori, Kumi	NEC Corporation	NEC Corporation
Pardo, Carlos	Knowledge Development for POF SL	KDPOF
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Parthasarathy, Vasu	Broadcom Corporation	Broadcom Corporation
Paul, Michael	Analog Devices Inc.	Analog Devices
Pfeifle, Joerg	Keysight Technologies	Keysight Technologies
Razavi, Alireza	Marvell	Marvell
Riani, Jamal		Marvell Semiconductor, Inc.
Rodes, Roberto	II-VI	II-VI
Royer, Tyler	SENKO Advanced Components	Senko Advanced Components
Salvekar, Atul	Cadence Design Systems	Cadence
Schedl, Anton	BMW Group	BMW Group
shirani, ramini	Ethernovia	Aquantia
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Spruit, Hans	TRUMPF	TRUMPF
Srivastava, Atul	NEL-America	NTT Electronics

Name	Employer	Affiliation
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tartaglia, Antonio	Ericsson AB	Ericsson AB
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Wang, Haojie	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
Welch, Brian	Cisco Systems, Inc.	Luxtera
xu, wenxiong		WUHAN HGG OPTO
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Yamazaki, Kinya	APRESIA Systems	APRESIA Systems
Yin, Shuang		Google
Zivny, Pavel	MultiLane	MultiLane
Zuo, Mingqing		China Mobile Research Institute

## 29 July - Logic

Name	Employer	Affiliation
Aronson, Joseph	Texas Instruments Inc.	Texas Instruments Inc.
Bruckman, Leon	NVIDIA	NVIDIA
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc

Name	Employer	Affiliation
Gorshe, Steven Scott	Microchip Technology, Inc.	Microchip Technology, Inc.
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Huang, Kechao		Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
Kawatsu, Yasuaki	APRESIA Systems	APRESIA Systems
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Kou, Hanjun		C/LAN/MAN/802.3 WG
Levy, Nir		Alphawave Semi
LI, ERGE	Huawei Technologies Co., Ltd	Huawei
Lieder, Eyal	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Mascitto, Marco		Nokia
Muller, Shimon	Enfabrica Corp.	Enfabrica
Nakamoto, Edward	Spirent Communications	Spirent Communications
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Shawn	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Parkholm, Ulf	Telefon AB LM Ericsson	Ericsson AB
Shah, Anup	Siemens Corporation	Siemens EDA

Name	Employer	Affiliation
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Tanc, Ahmet		NXP Semiconductors; NXP Semiconductors
Tran, Viet	Keysight Technologies	Keysight Technologies
WANG, Xuebo		Huawei Technologies Co., Ltd
XU, LI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Zhuang, Yan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd

### 30 July - Electrical

Name	Employer	Affiliation
Aekins, Rob	Legrand	Legrand
Akinwale, Oluwafemi	Intel Corporation	Intel Corporation
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Brown, Matthew	Alphawave	Alphawave
Bruckman, Leon	NVIDIA	NVIDIA
Calvin, John	Keysight Technologies	Keysight Technologies
Cassan, Dave	Alphawave	Alphawave
Chan, Jason		Arista Networks
Chang, Yongmao	Inphi Corporation	Source Photonics
Chen, Chan	Self Employed	Independent/AOI
Chen, Yuanjie		Marvell Semiconductor, Inc.



Name	Employer	Affiliation
Choudhury, Golam	Lightera	Lightera
Cole, Christopher R	Finisar Corporation	Coherent Corp.
Cox, Ian		Broadcom Corporation
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
Dawe, Piers J G	NVIDIA	Nvidia
Dsilva, Hansel		Amphenol Corporation
Dudek, Michael	Marvell	Marvell
Effenberger, Frank	Futurewei Technologies	Futurewei Technologies
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Fan, Xiaojie	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Feng, Sophie		Genuine Optics
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
George, John		Lightera
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Heck, Howard	TE Connectivity	TE Connectivity
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor

Name	Employer	Affiliation
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
Huang, Kechao		Huawei Technologies Co., Ltd
Huang, Michael		Berxel Photonics
HUANG, QINHUI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
Isono, Hideki	Furukawa FITEL Optical Components Limited	Furukawa FITEL Optical Components
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
KATO, TAKAHIRO		Dexerialsnicholl
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Kimber, Eric	Semtech Ltd	Semtech Ltd
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Kutscher, Noam		Marvell
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
Lessard, Stephane		Ericsson AB

Name	Employer	Affiliation
Levin, Itamar	Altera Corporation, an Intel company	Altera Corporation
Levy, Nir		Alphawave Semi
Lewis, Jon	Dell Technologies	Dell Technologies
Li, ERGE	Huawei Technologies Co., Ltd	Huawei
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Lieder, Eyal	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Lim, Jane	Cisco Systems, Inc.	Cisco Systems, Inc.
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.
Liu, Cathy	Broadcom Corporation	Broadcom Corporation
Liu, Hai-Feng	HG Genuine	HG Genuine
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Marques, Flavio	Lightera	Lightera
Mascitto, Marco		Nokia
Mazzini, Marco	Cisco Systems, Inc.	Cisco Systems, Inc.
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Muhigana, Ernest	Lumentum LLC	Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
MURAKAMI, YUKI	FUJITSU	FUJITSU
Murty, Ramana	Broadcom Inc.	Broadcom Corporation
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Nakamoto, Edward	Spirent Communications	Spirent Communications
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Shawn	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)
Ninomiya, Tiger	Accelink USA Corporation	Accelink USA Corporation
Noujeim, Leesa	Google	Google
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
Omori, Kumi	NEC Corporation	NEC Corporation
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Palkert, Thomas		Samtec-Macom
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Parthasarathy, Vasu	Broadcom Corporation	Broadcom Corporation
Pfeifle, Joerg	Keysight Technologies	Keysight Technologies
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Riani, Jamal		Marvell Semiconductor, Inc.
Rock, Jason	Dell Inc.	Dell Inc.
Rodes, Roberto	II-VI	II-VI

Name	Employer	Affiliation
Rysin, Alexander	NVIDIA	NVIDIA
Sakai, Toshiaki	Socionext Inc.	socionext
Salvekar, Atul	Cadence Design Systems	Cadence
Savi, Olindo	Hubbell Incorporated	Hubbell Incorporated
Sekel, Steve	Wilder Technologies	wilder Technologoeis
Shah, Anup	Siemens Corporation	Siemens EDA
Shakiba, Mohammad	Huawei Technologies Canada	Huawei Technologies Canada; Huawei Technologies Co., Ltd
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Sinicrope, David		Ericsson AB
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Smith, Evan	Tektronix, Inc.	Tektronix, Inc.
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Spruit, Hans	TRUMPF	TRUMPF
Srivastava, Atul	NEL-America	NTT Electronics
Sun, Yi	Lightera	Lightera
Swenson, Norman	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc.; Nokia
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd

Name	Employer	Affiliation
Tartaglia, Antonio	Ericsson AB	Ericsson AB
Theodoras, James	Scintil Photonics	Scintil Photonics
tian, yuchi		China Mobile
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies
Voss, Robert	Panduit Corp.	Panduit Corp.
Wang, Haojie	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
WANG, Xuebo		Huawei Technologies Co., Ltd
Weaver, James	Arista Networks	Arista Networks
Welch, Brian	Cisco Systems, Inc.	Luxtera
Wu, Mau-Lin	MediaTek Inc.	MediaTek Inc.
XU, LI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Yamazaki, Kinya	APRESIA Systems	APRESIA Systems
Yin, Shuang		Google
Zivny, Pavel	MultiLane	MultiLane
Zuo, Mingqing		China Mobile Research Institute

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Name	Employer	Affiliation
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Brown, Matthew	Alphawave	Alphawave
Chang, Yongmao	Inphi Corporation	Source Photonics
Chen, Chan	Self Employed	Independent/AOI
Choudhury, Golam	Lightera	Lightera
Cole, Christopher R	Finisar Corporation	Coherent Corp.
Dahlfort, Stefan		Ericsson AB
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
Dawe, Piers J G	NVIDIA	Nvidia
Effenberger, Frank	Futurewei Technologies	Futurewei Technologies
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Fan, Xiaojie	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Feng, Sophie		Genuine Optics
Ferretti, Vincent	Corning Incorporated	Corning Incorporated
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
George, John		Lightera
HE, MICHAEL		TeraHop Pte. Ltd.
Huang, Kechao		Huawei Technologies Co., Ltd
Huang, Michael		Berxel Photonics

Name	Employer	Affiliation
Huber, Thomas	Nokia	Nokia
Isono, Hideki	Furukawa FTEL Optical Components Limited	Furukawa FTEL Optical Components
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Johnson, John	Broadcom Corporation	Broadcom Corporation
Kimber, Eric	Semtech Ltd	Semtech Ltd
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
Liu, Hai-Feng	HG Genuine	HG Genuine
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Marques, Flavio	Lightera	Lightera
Mascitto, Marco		Nokia
Mazzini, Marco	Cisco Systems, Inc.	Cisco Systems, Inc.
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Mitcheltree, Tom	US Conec, Ltd.	US Conec, Ltd.
Muhigana, Ernest	Lumentum LLC	Lumentum
Murty, Ramana	Broadcom Inc.	Broadcom Corporation
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.



<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Ninomiya, Tiger	Accelink USA Corporation	Accelink USA Corporation
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Parthasarathy, Vasu	Broadcom Corporation	Broadcom Corporation
Pfeifle, Joerg	Keysight Technologies	Keysight Technologies
Rodes, Roberto	II-VI	II-VI
Shah, Anup	Siemens Corporation	Siemens EDA
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Spruit, Hans	TRUMPF	TRUMPF
Srivastava, Atul	NEL-America	NTT Electronics
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tartaglia, Antonio	Ericsson AB	Ericsson AB
Welch, Brian	Cisco Systems, Inc.	Luxtera
xu, wenxiong		WUHAN HGG OPTO
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Yamazaki, Kinya	APRESIA Systems	APRESIA Systems
Yin, Shuang		Google

Name	Employer	Affiliation
Zivny, Pavel	MultiLane	MultiLane
Zuo, Mingqing		China Mobile Research Institute

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Name	Employer	Affiliation
Aekins, Rob	Legrand	Legrand
Akinwale, Oluwafemi	Intel Corporation	Intel Corporation
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Brown, Matthew	Alphawave	Alphawave
Bruckman, Leon	NVIDIA	NVIDIA
Calvin, John	Keysight Technologies	Keysight Technologies
Cassan, Dave	Alphawave	Alphawave
Chan, Jason		Arista Networks
Chang, Yongmao	Inphi Corporation	Source Photonics
Chen, Chan	Self Employed	Independent/AOI
Chen, Yuanjie		Marvell Semiconductor, Inc.
Choudhury, Golam	Lightera	Lightera
Cole, Christopher R	Finisar Corporation	Coherent Corp.
Cox, Ian		Broadcom Corporation
Dahlfort, Stefan		Ericsson AB

Name	Employer	Affiliation
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
Dawe, Piers J G	NVIDIA	Nvidia
Dsilva, Hansel		Amphenol Corporation
Dudek, Michael	Marvell	Marvell
Effenberger, Frank	Futurewei Technologies	Futurewei Technologies
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Fan, Xiaojie	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
HE, MICHAEL		TeraHop Pte. Ltd.
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Heck, Howard	TE Connectivity	TE Connectivity
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
Huang, Kechao		Huawei Technologies Co., Ltd
Huang, Michael		Berxel Photonics

Name	Employer	Affiliation
HUANG, QINHUI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Isono, Hideki	Furukawa FITEL Optical Components Limited	Furukawa FITEL Optical Components
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Johnson, John	Broadcom Corporation	Broadcom Corporation
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
KATO, TAKAHIRO		Dexerials
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Kimber, Eric	Semtech Ltd	Semtech Ltd
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Kou, Hanjun		C/LAN/MAN/802.3 WG
Kutscher, Noam		Marvell
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
Lessard, Stephane		Ericsson AB

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Levin, Itamar	Altera Corporation, an Intel company	Altera Corporation
LI, ERGE	Huawei Technologies Co., Ltd	Huawei
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Lim, Jane	Cisco Systems, Inc.	Cisco Systems, Inc.
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.
Liu, Cathy	Broadcom Corporation	Broadcom Corporation
Liu, Hai-Feng	HG Genuine	HG Genuine
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Marques, Flavio	Lightera	Lightera
Mascitto, Marco		Nokia
Mazzini, Marco	Cisco Systems, Inc.	Cisco Systems, Inc.
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Mitcheltree, Tom	US Conec, Ltd.	US Conec, Ltd.
Muhigana, Ernest	Lumentum LLC	Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica
MURAKAMI, YUKI	FUJITSU	FUJITSU
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Shawn	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)
Ninomiya, Tiger	Accelink USA Corporation	Accelink USA Corporation
Noujeim, Leesa	Google	Google
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Palkert, Thomas		Samtec-Macom
Parkholm, Ulf	Telefon AB LM Ericsson	Ericsson AB
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Pfeifle, Joerg	Keysight Technologies	Keysight Technologies
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Rock, Jason	Dell Inc.	Dell Inc.
Rodes, Roberto	II-VI	II-VI
Royer, Tyler	SENKO Advanced Components	Senko Advanced Components
Rysin, Alexander	NVIDIA	NVIDIA
Sakai, Toshiaki	Socionext Inc.	socionext
Sekel, Steve	Wilder Technologies	wilder Technologoeis
Shah, Anup	Siemens Corporation	Siemens EDA

Name	Employer	Affiliation
Shakiba, Mohammad	Huawei Technologies Canada	Huawei Technologies Canada; Huawei Technologies Co., Ltd
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Smith, Evan	Tektronix, Inc.	Tektronix, Inc.
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Spruit, Hans	TRUMPF	TRUMPF
Srivastava, Atul	NEL-America	NTT Electronics
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Sun, Yi	Lightera	Lightera
Swenson, Norman	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc.; Nokia
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tartaglia, Antonio	Ericsson AB	Ericsson AB
Theodoras, James	Scintil Photonics	Scintil Photonics
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies

Name	Employer	Affiliation
Wang, Haojie	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
WANG, Xuebo		Huawei Technologies Co., Ltd
Weaver, James	Arista Networks	Arista Networks
Welch, Brian	Cisco Systems, Inc.	Luxtera
Wu, Mau-Lin	MediaTek Inc.	MediaTek Inc.
XU, LI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
xu, wenxiong		WUHAN HGG OPTO
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Yamazaki, Kinya	APRESIA Systems	APRESIA Systems
Yin, Shuang		Google
Zivny, Pavel	MultiLane	MultiLane
Zuo, Mingqing		China Mobile Research Institute



